

BOROUGH OF ILKESTON



ANNUAL HEALTH

AND

SCHOOL MEDICAL

REPORT

For the year 1940

BY

H. L. BARKER

M.D., B.S. (Lond.), M.R.C.S., L.R.C.P., D.P.H.

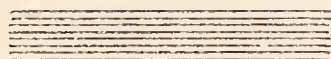
Medical Officer of Health, Medical Superintendent of
the Isolation Hospital, Superintendent of Maternity
Home, and School Medical Officer.



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BOROUGH OF ILKESTON.

HEALTH, MATERNITY AND CHILD WELFARE COMMITTEE.

THE MAYOR (Councillor J. Ofield, J.P.).	Councillor A. MEAKIN.
Alderman J. WOOLLEY, J.P. (Chairman).	„ Mrs. J. B. McINTYRE, J.P.
„ W. LACEY.	„ Mrs. J. TAYLOR.
„ S. SHAW.	„ H. TRUEMAN, J.P.
Councillor E. ADAMS.	„ R. WINFIELD.
„ D. BARTON.	Mrs. BALL.
„ E. BOSTOCK.	„ COPLEY.
„ G. H. BROUGHTON.	„ GRAHAM.
„ J. HENSHAW.	„ JONES.
„ E. A. HESKETT.	„ SQUIRES.
„ J. HOULT.	„ THORNHILL.
„ J. E. KIRK.	

HOUSING AND TOWN PLANNING COMMITTEE.

THE MAYOR (Councillor J. Ofield, J.P.).	Councillor J. HENSHAW (Chairman).
Alderman A. HENSHAW, J.P.	„ J. HOULT.
„ S. SHAW.	„ J. A. MACDONALD.
„ G. H. BROUGHTON.	„ A. MEAKIN.
„ J. WOOLLEY, J.P.	„ Mrs. J. B. McINTYRE, J.P.
Councillor G. H. BROUGHTON.	„ S. PAGE.

PUBLIC HEALTH STAFF (1940).

Medical Officer of Health and Superintendent of the Isolation Hospital :

H. L. BARKER, M.D., B.S.(Lond.), M.R.C.S.,
L.R.C.P., D.P.H.—(1).

Obstetric Physician to the Maternity Home and Medical Officer to Central Welfare Centre :

PATRICK HUGHES, M.B., B.S.—(1) (2).

Physician to Ante-Natal Clinic :

MARGARET GLEN BOTT, M.B., B.S.(Lond.), M.R.C.S., L.R.C.P.
(1) (2).

Tuberculosis Officer (appointed by Derbyshire County Council) :

C. KINGSTON, M.R.C.S., L.R.C.P., D.P.H.

Orthopædic Surgeon :

G. A. Q. LENNANE, M.A., M.B., B.Ch.—(1) (2).

Obstetric Consultant :

C. D. LOCHRANE, M.D., F.R.C.S.Ed.—(1) (2).

Senior Sanitary Inspector :

C. E. ADCOCK, Cert. S.I.B., M.S.I.A. (1).

Sanitary Inspectors :

J. L. WILLOUGHBY, Cert.S.I.B., M.S.I.A. (1). H.M. Forces.

R. W. BOOTH, Cert.S.I.B., M.S.I.A. (1). H.M. Forces.

G. AINSWORTH, Cert.S.I.B., M.S.I.A. (1). Appointed May, 1940.

Health Visitors and School Nurses :

MISS M. E. SHERLOCK, C.M.B. (1).

MISS H. BLAIR, C.M.B. (1), retired April, 1940.

MISS L. OTTEWELL, C.M.B. (1).

MISS M. HILL, C.M.B. (1).

MISS A. KEARNEY, C.M.B. (1), appointed April, 1940.

Matron, Isolation Hospital :

MISS F. M. PERRY.

Matron, Maternity Home :

MISS L. WELLS, C.M.B.

Tuberculosis Nurse (appointed by Derbyshire County Council) :

MISS D. DONKIN, C.M.B.

Clerks :

MISS L. TRUEMAN.

MISS H. CLARKE.

MR. J. NICHOLLS, resigned April, 1940.

MR. F. BOAM, appointed June, 1940.

(1) = *Exchequer Grants.*

(2) = *Part-time Officers.*

SECTION I.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	..	..	..	..	..	..	2,861
Population :—							
Census, 1931	..	..	..	..	..	..	33,164
No. of Inhabited Houses (1931 Census)	..	..	..	..	..	..	7,336
No. of Families or Separate Occupiers (1931 Census)	..	..	..	..	..	..	7,907
Rateable Value, 31st March, 1940	..	..	..	..	..	..	£146,965
Rates 16s. 0d. in the £ (1939-40).							

EXTRACTS FROM VITAL STATISTICS.

Live Births.	TOTAL.	M.	F.	Birth Rate
Legitimate	471	237	234	} 15.85
Illegitimate	13	7	6	
	<u>484</u>	<u>244</u>	<u>240</u>	

The Birth Rate for England and Wales for 1940 was 14.6.

Still Births.	TOTAL.	M.	F.
Legitimate	.. .. 22	.. 11	.. 11
Illegitimate	.. .. 1	.. 1	.. —
	<u>23</u>	<u>12</u>	<u>11</u>

Rate per 1,000 total births (live and still births) .. 45.36.

Deaths.	TOTAL.	M.	F.	Ilkeston.	Death Rate.
	372	191	181	12.18	Eng. & Wales. 14.3

Deaths from Puerperal Causes.

Puerperal Sepsis	..	..	..	..	Nil.
Other Puerperal Causes	..	..	..	..	Nil.
Total	..	..	..	..	<u>Nil.</u>

Infant Mortality.

Death rate of Infants under 1 year of age per 1,000 live births :—

Legitimate infants per 1,000 legitimate live births	98.7
Illegitimate infants per 1,000 illegitimate live births	76.9
All infants per 1,000 live births	.. .. 98.15
Rate for England and Wales	.. .. 55

Specified Deaths.

Cancer (all ages)	..	..	..	..	..	41
Measles (all ages)	..	..	..	..	..	1
Whooping Cough (all ages)	..	..	..	..	..	—
Diarrhoea (under 2 years)	..	..	..	..	..	2

BIRTH-RATES, DEATH-RATES, and ANALYSIS OF MORTALITY

DURING THE YEAR 1940. (*Provisional figures*).

	RATE PER 1,000 POPULATION.		ANNUAL DEATH-RATE PER 1,000 POPULATION.								RATE PER 1,000 LIVE BIRTHS.	
	Live Births.	Still Births.	All Causes	Typhoid and Paratyphoid Fevers.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria	Influenza.	Diarrhoea and Enteritis (under two years).	Total Deaths under one year.
England and Wales	14.6	0.55	14.3	0.00	0.00	0.02	0.00	0.02	0.06	0.32	4.6	55
126 County Boroughs and Great Towns, including London	16.0	0.64	15.8	0.00	0.00	0.02	0.00	0.02	0.07	0.29	5.9	61
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931)	15.7	0.55	12.8	0.00	0.00	0.02	0.00	0.02	0.05	0.30	4.4	54
London	13.7	0.44	17.8	0.00	0.00	0.01	0.00	0.00	0.01	0.18	5.8	50
ILKESTON	15.85	0.75	12.18	0.03	0.00	0.03	0.00	0.00	0.00	0.36	4.08	98.15

The maternal mortality rates for England and Wales are as follows—per 1,000 Total Births (live and still).

Puerperal Sepsis.
0.52
Others.
1.64
Total.
2.16

Below is given a table which analyses the causes of the 372 deaths,
and the ages at which they occurred :—

Causes of Death.	Sex	All Ages	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 up
All Causes	M.	191	30	1	1	3	11	17	51	38	39
	F.	181	18	2	3	2	5	23	38	42	48
1. Typhoid and Paratyphoid fevers	M.	—	—	—	—	—	—	—	—	—	—
	F.	1	—	—	—	—	—	—	1	—	—
2. Cerebro-spinal fever ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	1	—	—	1	—	—	—	—	—	—
3. Scarlet fever	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
4. Whooping cough	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
5. Diphtheria	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
6. Tuberculosis of respiratory system ..	M.	9	—	—	—	1	2	3	3	—	—
	F.	10	—	—	—	—	2	6	2	—	—
7. Other forms of Tuberculosis	M.	2	1	—	—	1	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
8. Syphilitic diseases ..	M.	2	—	—	—	—	—	1	1	—	—
	F.	—	—	—	—	—	—	—	—	—	—
9. Influenza	M.	7	—	—	—	—	2	3	2	—	—
	F.	4	—	—	—	—	—	—	2	1	1
10. Measles	M.	—	—	—	—	—	—	—	—	—	—
	F.	1	—	1	—	—	—	—	—	—	—
11. Acute polio-myelitis and polio-encephalitis ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
12. Acute infective encephalitis ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
13. Cancer of buc. cavity and oesophagus	M.	2	—	—	—	—	—	—	1	—	1
	F.	4	—	—	—	—	—	2	—	1	1
14. Cancer of stomach and duodenum	M.	5	—	—	—	—	—	—	3	1	1
	F.	4	—	—	—	—	—	—	2	1	1
15. Cancer of breast	M.	—	—	—	—	—	—	—	—	—	—
	F.	4	—	—	—	—	—	—	—	1	3
16. Cancer of all other sites..	M.	10	—	—	—	—	—	—	3	4	3
	F.	12	—	—	—	—	—	1	6	4	1
17. Diabetes	M.	2	—	—	—	—	—	—	—	1	1
	F.	—	—	—	—	—	—	—	—	—	—
18. Intra-cranial vascular lesions	M.	14	—	—	—	—	—	1	3	6	4
	F.	22	—	—	—	—	—	—	6	6	10
19. Heart disease	M.	35	—	—	—	—	2	2	13	12	6
	F.	41	—	—	—	—	1	8	9	14	9
20. Other diseases of circu- latory system	M.	4	—	—	—	—	—	1	2	—	1
	F.	5	—	—	—	—	—	1	—	1	3
21. Bronchitis	M.	22	2	—	—	—	—	—	8	6	6
	F.	17	5	—	—	—	—	—	2	4	6
22. Pneumonia	M.	13	4	1	—	—	3	—	3	2	—
	F.	13	5	1	1	—	—	1	3	—	2
23. Other respiratory diseases	M.	3	1	—	—	—	—	—	2	—	—
	F.	1	—	—	—	—	—	1	—	—	—
24. Ulcer of stomach or duodenum	M.	4	—	—	—	—	—	3	—	—	1
	F.	1	—	—	—	—	—	—	—	1	—

(Continued overleaf).

TABLE—*continued.*

Causes of Death.	Sex	All Ages	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 up
25. Diarrhoea under 2 years	M.	1	1	—	—	—	—	—	—	—	—
	F.	1	1	—	—	—	—	—	—	—	—
26. Appendicitis	M.	1	—	—	—	—	—	—	1	—	—
	F.	—	—	—	—	—	—	—	—	—	—
27. Other digestive diseases ..	M.	2	—	—	—	—	—	—	—	1	1
	F.	3	—	—	—	—	1	1	—	1	—
28. Nephritis	M.	3	—	—	—	—	—	—	1	2	—
	F.	3	1	—	—	—	—	—	—	1	1
29. Puerperal and post abortion sepsis	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
30. Other maternal causes ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
31. Premature birth	M.	10	10	—	—	—	—	—	—	—	—
	F.	3	3	—	—	—	—	—	—	—	—
32. Cong. malformation, birth injuries & inf. diseases..	M.	10	10	—	—	—	—	—	—	—	—
	F.	3	3	—	—	—	—	—	—	—	—
33. Suicide	M.	2	—	—	—	—	—	—	2	—	—
	F.	1	—	—	—	—	—	—	—	1	—
34. Road traffic accident ..	M.	4	—	—	1	—	1	2	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
35. Other violent causes ..	M.	5	—	—	—	1	1	1	—	—	2
	F.	3	—	—	1	1	—	—	—	—	1
36. All other causes	M.	19	1	—	—	—	—	—	3	3	12
	F.	23	—	—	—	1	1	2	5	5	9

Deaths from Violence.

SUICIDE. Two deaths occurred among males, namely, by inhaling coal-gas, and cut-throat. One female death was due to inhaling coal-gas.

Other Deaths from Violence.

There was a total of 12 deaths. Of these four were due to road traffic accidents, viz., two motor cyclists collided with buses, and one cyclist aged 16 and one child of 2 were run over by buses. Of the other eight two were colliery accidents, four were due to accidental falls, and two children were drowned in the canal.

SECTION II**GENERAL PROVISION OF HEALTH SERVICES.**

HOSPITALS. There was no change with regard to hospital provision. The number of applicants whose bookings were refused at the Maternity Home was 67.

AMBULANCES. The Morris ambulance was still in commission for fever cases. A Red Cross Society Ambulance was available for accident cases.

NURSING IN THE HOME was provided by two Nursing Associations.

LABORATORY FACILITIES were available at Nottingham and Derby.

MIDWIVES. These were under the supervision of the County Council.

SECTION III.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER. There was no change in the source or storage arrangements. The quantity was adequate and there were no restrictions as to use. The quality was satisfactory as proved by the regular analysis of samples.

SEWAGE DISPOSAL. This was satisfactory.

REFUSE DISPOSAL. Collection was carried out by a contractor and the refuse was disposed of in a satisfactory manner by controlled tipping on Corporation tips.

SANITARY INSPECTION OF THE AREA. The results of the year's work is shown in the table at the end of this report.

CLINICS AND TREATMENT CENTRES.

	<i>Situation.</i>	<i>Medical Officer in Attendance.</i>	<i>When Held.</i>	<i>Accom- modation.</i>	<i>Provided by</i>
MATERNITY AND CHILD WELFARE CENTRES.	(1) Albert Street	Dr. Hughes	Tuesdays, 2—4 p.m.	3 rooms	Ilkeston Corporation.
	(2) Wesley Street	M.O.H.	Thursdays, 2—4 p.m.	3 rooms	Do.
	Albert Street	Dr. Glen Bott	Mondays, 2—5 p.m.	3 rooms	Do.
	Albert Street	M.O.H.	Daily, 10—12. M.O.H. attends Tues- days and Thursdays.	3 rooms	Do.
ORTHOPAEDIC CLINIC	Albert Street	Orthopaedic Surgeon attends monthly on 4th Wednesday.	Wednesdays, a.m. and p.m., Miss Garratt.	2 rooms	Do.
TUBERCULOSIS DISPENSARY	Albert Street	Dr. Kingston	Wednesdays, a.m. and p.m.	3 rooms	Derbyshire C.C.
V.D. TREATMENT CENTRES.	(1) Nottingham	—	—	—	Nottingham C.B.C.
	(2) Derbyshire Royal Infirmary, Derby.	—	—	—	Derby C.C. and C.B.C. jointly.

SECTION IV.

HOUSING.**Housing Statistics.**

Number of new houses erected during the year	Nil
Number of houses owned by the local Authority at the end of the year	
Council Houses	899
Others ..	19
TOTAL	<u>918</u>

House Inspection.

Number of dwelling houses inspected for defects under the Public Health and Housing Acts	93
Number of dwelling houses rendered fit in consequence of informal action	93
Action under Statutory Powers under the Public Health and Housing Acts	Nil.

SECTION V.

INSPECTION AND SUPERVISION OF FOOD.

MILK. The number of cowkeepers registered with this Authority was 12, and the number of retail purveyors of milk was 54. Three designated milk licences were issued, namely, one for Tuberculin Tested Milk and two for Pasteurized Milk. There were two licensed producers of Pasteurized Milk. Samples of all kinds were submitted for biological and bacteriological tests during the year. No samples showed the presence of the tubercle bacillus.

MEAT AND OTHER FOODS. In accordance with the Livestock (Restriction on Slaughtering) Order, 1940, all slaughtering of animals for human food in this Area was carried out at the government controlled slaughterhouses in Derby after the 21st January except for a certain number of pigs which were slaughtered under licence issued by the Ministry of Food. The meat was distributed by the local Butchers' Association Committee after inspection at the place of slaughter.

A large quantity of other food was inspected locally. The amount of unsound food surrendered during the year is shown below.

Home killed meat and offal	..	..	..	869 lbs.
Pickled meat	..	..	..	52 $\frac{1}{4}$ „
Imported Offal	..	..	..	33 „
English rabbits	..	..	..	39 „
Cooked meats	..	..	..	3 $\frac{1}{2}$ „
Fish	..	..	..	112 „
Fresh vegetables	..	..	..	51 $\frac{1}{2}$ „
Fresh fruit	..	..	..	41 „
Bacon	..	..	..	23 „
Provisions	..	..	..	82 $\frac{1}{2}$ „
Canned meat	..	..	..	25 „
Canned milk	..	..	..	1 „
Canned fish	..	..	..	2 „
Canned vegetables and soup	..	..	..	21 „
Canned fruit	..	..	..	30 $\frac{1}{2}$ „
Miscellaneous food	..	..	..	276 $\frac{3}{4}$ „
Total weight				1,663 lbs.

SECTION VI.

INFECTIOUS AND OTHER DISEASES.

The number of infectious diseases notified was 807. There was an epidemic of measles, of which disease 625 cases were notified but there was only one death. There were 42 cases of scarlet fever and 38 cases of chickenpox.

A table is appended giving details.

Disease.	No. Notified.	No. Removed to Hospital.	Total Deaths.
Pneumonia (all forms)	42	2	26
Scarlet Fever	42	20	—
Diphtheria	3	3	—
Erysipelas	14	1	—
Chicken-Pox	38	—	—
Puerperal Pyrexia	7	2	—
Cerebro Spinal Fever	5	5	1
Measles	625	—	1
Whooping Cough	2	—	—
Enteric Fever	2	1	1

OPHTHALMIA NEONATORUM. No cases occurred.

INFLUENZA was prevalent and there were 11 deaths.

CANCER. There were 41 deaths from malignant disease which was an average figure. The sites affected according to age and sex are shown in the general table of deaths.

DIPHTHERIA. Only 3 cases were notified and there was no death.

CEREBRO-SPINAL FEVER. Five cases occurred with one death.

At the Isolation Hospital 30 cases were treated, namely, Scarlet Fever 22, Diphtheria 5, Cerebro-Spinal Fever 3.

**Sex and Age Distribution of Cases of Notifiable Diseases
during 1940.**

Age Group.	Sex.	Pneumonia all forms.	Chicken-Pox.	Scarlet-Fever.	Diphtheria.	Erysipelas.	Enteric Fever.	Puerperal Pyrexia.	Cerebro-Spinal Fever.	Measles.	Whooping Cough.
0—1	M.	1	—	—	—	—	—	—	—	9	—
	F.	4	1	—	—	—	—	—	—	9	—
1—2	M.	3	—	—	—	—	—	—	—	23	—
	F.	1	1	—	—	—	—	—	—	27	1
2—3	M.	1	2	2	—	—	1	—	—	27	—
	F.	4	1	2	—	—	—	—	—	29	—
3—4	M.	1	3	2	—	—	—	—	—	50	—
	F.	1	3	1	—	—	—	—	1	44	1
4—5	M.	1	3	2	—	1	—	—	—	48	—
	F.	—	3	2	—	—	—	—	1	37	—
5—10	M.	2	6	7	1	—	—	—	1	146	—
	F.	1	8	15	1	1	—	—	1	141	—
10—15	M.	—	2	1	1	—	—	—	—	13	—
	F.	—	2	3	—	—	—	—	—	10	—
15—20	M.	4	—	—	—	—	—	—	1	7	—
	F.	—	2	—	—	3	—	—	—	1	—
20—35	M.	2	1	1	—	1	—	—	—	1	—
	F.	2	—	3	—	—	—	7	—	1	—
35—45	M.	2	—	1	—	1	—	—	—	—	—
	F.	1	—	—	—	3	1	—	—	2	—
45—65	M.	6	—	—	—	2	—	—	—	—	—
	F.	4	—	—	—	1	—	—	—	—	—
65 up- wards.	M.	1	—	—	—	1	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
Total all ages.	M.	24	17	16	2	6	1	—	2	324	—
	F.	18	21	26	1	8	1	7	3	301	2
GRAND TOTAL		42	38	42	3	14	2	7	5	625	2

SECTION VII.

TUBERCULOSIS.

NOTIFICATION. The number of new cases of respiratory tuberculosis were in the case of males 11, and in the case of females 9. As regards the non-respiratory form, 3 male and 2 female cases occurred.

DEATHS. There was a total of 21 deaths. Nineteen were due to the respiratory form, and 2 to non-respiratory forms. All the deaths except three had been notified previously as being cases of tuberculosis.

Particulars of new cases of tuberculosis and deaths from this cause are given in the following table :—

AGE PERIODS.			NEW CASES.				DEATHS.			
			Respiratory.		Non-respiratory.		Respiratory.		Non-respiratory.	
			M.	F.	M.	F.	M.	F.	M.	F.
0	..	..	—	—	1	—	—	—	1	—
1	..	..	—	—	—	—	—	—	—	—
5	..	..	—	—	1	1	—	—	1	—
10	..	..	1	—	—	—	1	—	—	—
15	..	..	1	—	—	—	—	—	—	—
20	..	..	—	2	—	—	2	2	—	—
25	..	..	2	3	—	—	—	5	—	—
35	..	..	3	—	—	1	3	1	—	—
45	..	..	1	1	1	—	2	—	—	—
55	..	..	2	2	—	—	1	2	—	—
65 and upwards			1	1	—	—	—	—	—	—
TOTAL ..			11	9	3	2	9	10	2	—

TREATMENT. The arrangements were as in former years. There were 20 fresh cases of pulmonary tuberculosis added to the Register during the year, and of these 8 patients were admitted to the Sanatorium and 1 to an Institution. Of 5 fresh non-respiratory cases added to the Register 1 was treated at a general hospital. Out of the 25 fresh cases 9 patients died within six months. At the end of 1940 there was a total of 140 persons on the Register. Of these 106 were pulmonary cases and 34 were non-pulmonary cases.

SECTION VIII.

MATERNITY AND CHILD WELFARE.

ANTE-NATAL CARE. One ante-natal session was held every week by the specialist medical officer, Dr. Margaret Glen Bott. The total attendances at the 50 sessions were 1,009 and the average number of patients at each session was 20. The number of individual patients who attended during the year was 332 and of these 264 were new cases. The number of expectant mothers who attended the ante-natal clinic represented 66.4 per cent of the total 500 notified live and still births which occurred in the borough during the year. The number of cases who were sent to hospital on account of expected difficulty was 31 and a Cæsarean operation was performed in 6 cases. X-Ray examinations were made as regards 8 patients.

Municipal Maternity Home.

During the year 138 cases were admitted. No maternal death occurred and there was one case of puerperal pyrexia. The number of bookings refused was 67, which shows the urgent need for increased accommodation. The statistics for 1940 are given below.

1.—Name of Institution: The Maternity Home, Ilkeston, Derbyshire .					
2.—Number of maternity beds in the Institution (exclusive of isolation and labour beds) ..					
3.—Number of maternity cases admitted during the year					
4.—Average duration of stay					
5.—Number of cases delivered by—					
(a) Midwives					
(b) Doctors					
6.—Number of cases in which medical assistance was sought by a midwife in emergency					

7.—Number of cases notified as—					
(a)	Puerperal Fever	..	..	..	Nil
(b)	Puerperal Pyrexia	..	..	..	1
8.—Number of cases of pemphigus neonatorum .. Nil					
9.—Number of infants not entirely breastfed while in the Institution 4					
10.—(a) Number of cases notified as Ophthalmic Neonatorum Nil					
(b)	Result of treatment in each case	..	..		Nil
11.—(a) Number of maternal deaths ... Nil					
(b)	Cause of death in each case	..	..	..	Nil
12.—(a) Number of infant deaths—					
(i)	Stillborn	..	..	..	5
(ii)	Within 10 days of birth		..	..	6
(b) Cause of death in each case, and results of post-mortem examination (if obtainable)—					
(i)					
	(a)	Death in Utero.			
	(b)	and			
	(c)	Hydrocephalus and Malformation of Limbs.			
	(d)	Macerated Foetus.			
	(e)	Malformation of Limbs.			
(ii)					
	(a)	Prematurity.			
	(b)	Atelectasis.			
	(c)	and			
	(d)	Premature Twins.			
	(e)	Pale Asphyxia.			
	(f)	Prematurity.			

HOME VISITING.—There are four health visitors who are also part-time school nurses. The accompanying table gives a summary of their work during the year.

Summary of Health Visitors' Reports for 1940.

Births Notified (twins 8)	..	..	..	..	500
Males	..	..	..	..	265
Females	..	..	..	..	235
Still Births	..	..	..	..	21
Died within Three Days	..	..	..	..	17
Attended by Medical Practitioners	..	..	..	..	43
Attended by midwives only	..	..	..	..	320
Admitted to Maternity Home	..	..	..	..	137
Number of first visits	..	..	..	..	466
Number of re-visits under 1 year	..	..	..	..	2,395
Number of re-visits over 1 year	..	..	..	..	3,904
Total number of visits paid	..	..	..	..	6,775
Children weighed	..	..	..	..	472
Average weight	..	..	..	..	lbs. 7.3
Breast fed at birth	..	..	..	..	439
Bottle fed at birth	..	..	..	..	10
Breast and Bottle	..	..	..	..	5
Spoon fed	..	..	..	..	3
Pre-natal Cases, first visit	..	..	..	..	63
Outside the Borough	..	..	..	..	22
Number of individual infants under 1 year visited	..	..	..	..	2,213
Number of individual children 1 to 5 years	..	..	..	..	3,711

MATERNITY OUTFITS.—Complete maternity outfits are kept in the health department and can be loaned to necessitous cases.

INFANT WELFARE CENTRES. A Child Welfare Clinic is held every Tuesday afternoon at the Albert Street Clinic and every Thursday afternoon at the Cotmanhay Clinic.

The attendances at the clinics are shown in the following table.

Attendances at Infant Welfare Centres. (Albert Street).

Individual Cases.	Total Attendances.	Examinations by Doctor.	Infants under One Year.	Toddlers.
525	2,035	181	1,463	572
248	996	COTMANHAY. 183	639	357

STILL BIRTHS. During the year 21 still births were investigated with the results given below. In no case was the cause associated with ante-partum haemorrhage.

Death in utero previous to labour	12
Malpresentation or obstructed labour ..	4
Congenital deformity of foetus	5
	—
TOTAL ..	21
	==

PUERPERAL PYREXIA AND PUERPERAL FEVER.—Arrangements exist for the treatment of these cases in the Derbyshire Hospital for Women at Derby. There is also a consulting obstetrician whose opinion and assistance can be obtained in complicated cases. Seven cases of puerperal pyrexia were notified. Of these 5 were treated at home and 2 in hospital.

MATERNAL DEATHS.—No maternal death occurred during 1940.

INFANTILE DEATHS.—The deaths of infants under one year of age are enquired into by the health visitors, and their reports are examined by the medical officer in conjunction with the child welfare record card of the infant. The number of infantile deaths during the year was 48. The infantile mortality rate per 1,000 live births was 98.15. The following table classifies the causes of infant deaths :—

Prematurity	13
Congenital Defects	13
Pneumonia	10
Diarrhoea	2
Bronchitis	7
Nephritis	1
Tuberculous Meningitis	1
Convulsions	1
	—
TOTAL ..	48
	==

The infant mortality rate of 98.15 has not been so high since 1925. The large number of infantile deaths from pneumonia and

bronchitis may have been due to the very severe winter. The cause of prematurity and congenital defects is not completely known, but the fact that this year was probably the most anxious and difficult year of the war may be the cause of the increase in deaths from those conditions. The still-birth rate was also higher than usual, and perhaps for the same reason.

FREE SUPPLY OF MILK.—Under the provisions of the Public Health Act, 1936, free milk was issued in necessitous cases to expectant and nursing mothers and to children under 5 years of age recommended by medical officers. In all cases enquiries are made into the means of the family and issues are made in accordance with an approved scale. The number of applications in respect of which milk was issued was 29. The small number is due to the fact that other arrangements for the supply of milk to children have been made by the Ministry of Food.

CHILD LIFE PROTECTION, ADOPTED CHILDREN, ILLEGITIMATE CHILDREN.—The Health Visitors carry out duties in connection with the above.

Orthopaedic Clinic.

During the year 38 individual children under school age attended for treatment. The total attendance of these children at the nurse's clinics was 158, and at the surgeon's clinic 81. The defects treated were as follows :—

Rickets	..	..	..	15	Poliomyelitis	..	..	..	2
Congenital Deformity			..	7	Spastic Paralysis	..	..		1
Flat Feet	..	..	..	8	Tuberculosis	..	..	..	1
Talipes	..	..	..	3	Others	..	..	..	1
									—
TOTAL									38
									==

INSTITUTIONAL PROVISION.—There are no changes in the arrangements for institutional provision in the cases of unmarried mothers, illegitimate infants, and homeless children.

SANITARY INSPECTION OF THE DISTRICT.

Details of Visits and Inspections made by the Sanitary Inspectors during the Year.

Inspection of Premises	..	..	..	..	..	..	148
Re-visits during repairs	..	..	..	..	..	..	405
Canal Boats inspected	..	..	..	..	..	..	4
Cinemas and Theatres	..	..	..	..	..	..	24
Cowsheds	..	..	..	..	..	..	10
Drainage inspections	..	..	..	..	..	..	33
Water, Smoke or Colour Tests to drains	..	..	..	..	..	..	13
Factories, Workshops and Workplaces	..	..	..	..	..	..	18
Petrol Storage Premises	..	..	..	..	..	..	15
Dustbins inspected	..	..	..	..	..	..	524
Water Closets inspected	..	..	..	..	..	..	268
Pail Closets inspected	..	..	..	..	..	..	72
Privy Middens inspected	..	..	..	..	..	..	11
Infectious Diseases investigations	..	..	..	..	..	..	48
Cases removed to Hospital	..	..	..	..	..	..	24
Bedding disinfected (Infectious Diseases)	..	..	..	..	..	..	136
Rooms disinfected (Infectious Diseases)	..	..	..	..	..	..	174
Vacant Council Houses inspected	..	..	..	..	..	..	70
Council House Removal visits	..	..	..	..	..	..	52
Beds from Removals disinfected	..	..	..	..	..	..	179
Visits <i>re</i> Disinfestation	..	..	..	..	..	..	20
Rooms disinfested	..	..	..	..	..	..	178
Shops Acts visits	..	..	..	..	..	..	59
Offensive Trade Premises	..	..	..	..	..	..	2
Smoke Abatement visits	..	..	..	..	..	..	3
Houses measured	..	..	..	..	..	..	1,381
Housing visits	..	..	..	..	..	..	180
Miscellaneous visits	..	..	..	..	..	..	530
Houses inspected for Housing Defects (Public Health Acts)	..	..	..	..	..	..	122

Meat and other Food Inspections.

Slaughtering visits	..	..	..	..	..	..	174
Butchers' Shops, Stalls and Vehicles	..	..	..	..	..	..	53
Bakehouses	..	..	..	..	..	..	39
Other Food—Preparing Premises	..	..	..	..	..	..	156
Dairies and Milkshops	..	..	..	..	..	..	23
Milk Samples taken for Bacteria	..	..	..	..	..	..	35

Notices Served.

Number of Informal Notices served (Public Health Acts)	..	128
Number of Informal Notices served (Housing Acts)	..	1
Number of Statutory Notices served (Public Health Acts)	..	—
Number of Statutory Notices served (Sec. 157, Housing Act, 1936)	..	1,561

Details of Improvements made and Defects remedied during the Year under the Public Health Acts and Housing Acts.

Exterior of Houses.

Roofs repaired	..	..	..	..	..	..	44
Eaves, gutters and downspouts repaired or provided	..	..	..	..	..	..	64
Dampness remedied (including provision of new damp-proof courses)	..	..	..	..	..	..	1
External walls repaired	..	..	..	..	..	..	12
Chimney stacks repaired	..	..	..	..	..	..	6
Yard division walls repaired	..	..	..	..	..	..	4

Drainage.

Drains opened and cleansed	22
Drains repaired or relaid	3
Drains tested by water, smoke or colour fluid	13
Yards repaired or repaved	13
Defective Inspection Chambers	1
Yard Gulley Grids renewed	2
Ventilating Pipes repaired	5

Interior of Houses.

Staircases repaired	1
Floors relaid or repaired	2
Windows repaired or provided with sashcords	12
Walls repaired	7
Ceilings repaired	4
Doors or Frames repaired	4
Fireplaces, Ovens or Sideboilers repaired	10
Washing Coppers provided or repaired	4
Small defects remedied	2
Hot Water Systems repaired	1
Gas Fittings repaired	1

Water Supply, etc.

Burst Water Pipes repaired	2
Defective Sinks	6

W.C.'s, Urinals, etc.

Choked W.C.'s remedied	1
Water Closets, new Basins or Seat fixed	16
Defective fittings or Water Service Pipes repaired	67
Water Closet walls repaired	2
Water Closet roofs repaired	1
Water Closet floors repaired	1
W.C. Doors repaired	2
Dirty Water Closets cleansed	3
Additional Water Closets provided	1

Ashpits and Dustbins.

New Dustbins provided	48
-------------------------------	----

Miscellaneous.

Absence of information in Rent Book as required by Sec. 4 of the Housing Act, 1936	98
--	----

INSPECTION AND SUPERVISION OF FOOD.**Cowsheds.**

Cowkeepers registered	12
Cowsheds	24
Inspections	10

Dairies and Purveyors of Milk.

Number of Producers of Milk	12
Number of Retail Purveyors	53
Number of Inspections	23

Milk Special Designations Order, 1923.

Licences granted during the year	4
Dealers licensed to sell Certified Milk	1
Dealers licensed to sell Accredited Milk	1
Pasteurising Establishments	2

Milk Samples.

Number of Samples taken for Bacteriological Examination ..	35
Number of Samples satisfactory	24

Food and Drugs Act, 1938 (Sec. 14).

Number of Premises registered for the Manufacture or Sale of Preserved Food, etc.	1
Number of Premises registered for the Manufacture or Sale of Ice Cream	18

Prosecutions.

There were no prosecutions during the year.

UNSOUND FOOD SURRENDERED DURING 1940.**Tuberculosis.**

1 Bovine Carcase (weight 630 lbs.).	1 Bovine Spleen.
2 Bovine Lungs (sets).	1 Bovine Caul Fat.
2 Bovine Livers.	1 Bovine Mesentery.
2 Bovine Heads (with Tongues).	1 Bovine Tripes.
2 Bovine Hearts.	1 Bovine Udder.
2 Bovine Kidneys.	3 Pigs' Heads.

Total weight, 869 lbs.

Other Unsound Food surrendered.

7 Pickled Bovine Tongues.	26 tins Corned Beef.
10 $\frac{1}{4}$ lbs. Pickled Beef.	2 tins Salmon.
33 lbs. Imported Bovine Kidneys.	1 tin Peas.
13 English Rabbits.	10 tins Tomatoes.
2 lbs. Potted Meat.	1 tin Soup.
1 $\frac{1}{2}$ lbs. Cooked Ham.	4 tins Plums.
112 lbs. Herrings.	1 tin Peaches.
2 $\frac{1}{2}$ lbs. English Beans.	4 tins Pineapples.
7 lbs. English Peas.	4 tins Oranges.
10 lbs. English Carrots.	8 tins Grapefruit.
10 lbs. English Parsnips.	5 tins Mixed Fruit.
22 lbs. Onions.	3 tins Treacle.
12 Oranges.	2 jars Mincemeat.
12 lbs. Apples.	3 jars Pickles.
17 lbs. Tomatoes.	1 jar Jam.
23 lbs. Bacon.	1 packet Cake Flour.
16 $\frac{1}{2}$ lbs. Lard.	8 $\frac{1}{2}$ lbs. Yeast.
13 lbs. Cooking Fat.	115 lbs. Cake.
6 $\frac{1}{2}$ lbs. Butter.	65 loaves Bread.
5 lbs. Curd Cheese.	1 tin Meat and Fish Paste.
12 $\frac{1}{2}$ lbs. Cheese.	7 lbs. Dried Herbs.
23 bottles Sterilized Milk.	16 lbs. Pepper.
1 tin Evaporated Milk.	

Total weight, 794 lbs.

SUMMARY.

Home-killed Meat (Tuberculosis)	869	lbs.
Pickled Meat	52 $\frac{1}{4}$	lbs.
Imported Offal	33	lbs.
English Rabbits	39	lbs.
Cooked Meats	3 $\frac{1}{2}$	lbs.
Fish	112	lbs.
Fresh Vegetables	51 $\frac{1}{2}$	lbs.
Fresh Fruit	41	lbs.
Bacon	23	lbs.
Provisions	82 $\frac{1}{2}$	lbs.
Canned Meat	25	lbs.
Canned Milk	1	lb.
Canned Fish	2	lbs.
Canned Vegetables and Soup	21	lbs.
Canned Fruit	30 $\frac{1}{2}$	lbs.
Miscellaneous Food	276 $\frac{3}{4}$	lbs.
TOTAL NET WEIGHT	1,663	lbs.

Public Health (Meat) Regulations, 1924.

Number of Slaughtering Notices received	41
The Ministry of Food granted Licences for the slaughter of two pigs for private consumption. Both were inspected.	

Offensive Trades.

Number on Register (Tripe Boiler)	1
Number of Notices served	Nil

Bakehouses.

Number on Register	19
Number of Notices served	Nil

Sanitary Supervision of Music Halls, Theatres, etc.

CINEMAS. The Scala, Kings Picture House, New Theatre and Ritz Cinema have been inspected from time to time during the year, both during performances and at times when the premises were not open to the Public. No cause for complaint was found.

The Young Persons (Employment) Act, 1938, regulates the hours of young persons employed in certain occupations which have hitherto been unregulated, including assistants to Cinema Operators.

Section 8 of the Act gives Employers the option to apply either the above mentioned Act or the Shops Acts in certain cases.

At the Kings Picture House and the New Theatre the records kept are those required by the Young Persons (Employment) Act, 1938.

The Ritz Cinema Co., Ltd., has elected to apply the provisions of the Shops Act to their employees, and the Notices as required by that Act are exhibited.

The Scala Picture House Co. has no assistants under the age of 18.

Premises with Music and Dancing Licences.

During the year there has been one addition to these Premises, namely, the New Co-operative Hall owned by the Ilkeston Co-operative Society, Ltd. This has been inspected and found to be satisfactory. The Licence was granted in April last.

The other Licensed Premises have given no cause for complaint during the year.

An Annual Report is submitted to the Health Committee and the Local Licensing Bench in accordance with the Circular 120 of the Ministry of Health, 1920.

Canal Boats (Public Health Act, 1936, Sections 249 to 258).

During the year I have only been able to inspect four Canal Boats, two of these were Boats registered as Dwellings, the other two were not registered Boats, as they were only being used for short hauls.

So far as the two registered Boats are concerned they were registered to carry six adults and the number of occupants at the time of inspection was two.

The Certificate of Registration for each Boat was produced at the time of inspection, identifying the Owner and the Boat; the boats were properly marked, clean and in good repair. Neither persons appeared to be suffering from any infectious diseases.

No Boats were registered or removed from the Register during the year.

Common Lodging Houses.

There are no common lodging houses in the Borough

Factories Act, 1937.

Number of Inspections made	..	..	..	..	..	18
Number of Notices served	..	..	..	..	..	2

Petroleum Acts.

Number of Petroleum Spirit Storage Licences issued	..	..	51
Number of Carbide of Calcium Storage Licences issued		..	2		
Number of Inspections made	15

Rag Flock Acts.

No samples taken during the year.

Rats and Mice Destruction Act.

This Act is administered by the County Council.

Rent and Mortgage Interest (Restrictions) Acts.

No Certificates were issued during the year.

Shops Acts, 1912 to 1934.

Number of Inspections made during the year	..	..	..	59
Preliminary Notices served	..	..	..	Nil
Prosecutions	..	..	..	Nil

C. E. ADCOCK, Cert.S.I.B., M.S.I.A.,

Senior Sanitary Inspector.

Borough of Ilkeston Education
Committee.

ANNUAL REPORT
OF THE
School Medical Officer
For 1940.

H. L. BARKER,
M.D., B.S. (Lond.), M.R.C.S., L.R.C.P., D.P.H.

EDUCATION COMMITTEE.

THE MAYOR (Coun. J. Ofield, J.P.).	Councillor E. BOSTOCK.
Coun. G. W. WOOLISCROFT, O.B.E.	„ H. TRUEMAN, J.P.
J.P. (<i>Chairman</i>).	„ J. E. KIRK.
Alderman AMOS HENSHAW, J.P.	Professor R. PEERS, M.C., M.A.
„ J. WOOLLEY, J.P.	F. P. Sudbury, Esq., J.P., C.C.
Councillor D. BARTON.	S. R. WOOD, Esq., M.A.
„ E. A. ADAMS.	MRS. BALL, C.C.
„ MRS. J. B. D. MCINTYRE, J.P.	

Director of Education.

J. TILLET, Esq., B.A.

STAFF (1940).**School Medical Officer (also Medical Officer of Health).**

H. L. BARKER, M.D., B.S.(Lond.), M.R.C.S., L.R.C.P., D.P.H.

School Dental Surgeon.

A. L. HODGKINSON, L.D.S.

Part Time Medical Officers.

ASSISTANT SCHOOL MEDICAL OFFICER ..	S. W. LUND, M.B., Ch.B., D.P.H.
OPHTHALMIC SURGEON	C. H. BAMFORD, Ch.B., D.O.M.S. (<i>County Ophthalmic Surgeon</i>).
ORTHOPÆDIC SURGEON	G. A. Q. LENNANE, M.A., M.B., B.Ch. (<i>County Orthopædic Surgeon</i>).

NOSE and THROAT SURGEONS of the Nottingham Throat, Ear
and Nose Hospital.

School Nurses (also Health Visitors).

	<i>Appointed.</i>	<i>Retired.</i>
Miss M. E. SHERLOCK, C.M.B.	21st June, 1914.	
Miss H. BLAIR, C.M.G.	1st June, 1922.	11th April, 1940.
Miss L. OTTEWELL, C.M.B.	1st March, 1929.	
Miss M. HILL, C.M.B.	16th March, 1939.	
Miss A. KEARNEY, C.M.B.	15th April, 1940.	

Clerks.

Miss L. TRUEMAN	15th May, 1923.
Miss H. CLARKE	13th Oct., 1924.

Dental Attendant.

Miss S. M. CAMM	11th May, 1936.
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BOROUGH OF ILKESTON.

Area of Borough (in acres)	2,861
Number of Schools	11
Number of Departments	23
Average number on School Register	4,388
Average Attendance	3,815

I. STAFF.

Particulars regarding the staff of the school medical department are given on a previous page. Miss Blair retired after nearly 18 years of conscientious service as a school nurse and health visitor. Her place was filled by the appointment of Miss Kearney.

II. CO-ORDINATION.

This was well maintained during the year.

III. SCHOOL HYGIENE.

The fact that some schools were taken for other purposes caused a certain amount of overcrowding in some schools. All schools possess a piped water supply of good quality and all except Kirk Hallam have a water carriage system of sewage disposal. Cloakroom accommodation and arrangements for washing should be brought up to modern standards in the older schools. Gas lighting where present should be replaced by electricity.

IV. MEDICAL INSPECTION.

Routine medical inspections of the customary age groups was carried out. Re-inspections and special inspections were made as usual.

V. FINDINGS OF MEDICAL INSPECTIONS.

(a) NUTRITION. The results are shown in Table II.B. The children were well nourished.

(b) UNCLEANLINESS. The following table shows the results of inspection during the last six years :—

Uncleanliness.

<i>Year.</i>	<i>Average Number of Children on School Registers.</i>	<i>Number of Individual Children Found Unclean.</i>	<i>Percentage.</i>
1935	5,121	870	16.9
1936	4,927	824	16.7
1937	4,826	732	15.1
1938	4,640	791	17.0
1939	4,462	776	17.3
1940	4,388	661	15.0

(c) MINOR AILMENTS AND SKIN DISEASES.—A comparative table follows giving the results for the last ten years:—

<i>Year.</i>	<i>Impetigo.</i>	<i>Ringworm of Scalp.</i>	<i>Scabies.</i>
1931	32	2	3
1932	44	1	9
1933	27	1	15
1934	28	9	6
1935	33	13	3
1936	44	1	21
1937	44	—	14
1938	40	1	24
1939	35	—	29
1940	31	—	35

(d) TUBERCULOSIS.—There was one new respiratory case and two new non-respiratory cases among school children. The two latter were cases of adenitis of the neck and meningitis.

(e) OTHER DEFECTS. At routine inspections the incidence of defective vision (excluding squint) was 7.8 per cent.

At the 4,163 dental inspections, 3,414 children were found to require treatment, *i.e.*, 82 per cent. The number of children who accepted treatment was 3,290 or 96.3 per cent.

Statistics regarding defects are given in Table II.

VI. FOLLOWING UP.

The usual system of following up has been adhered to. The following table gives a summary of the work of the school nurses during 1940.

SUMMARY OF SCHOOL NURSES WORK FOR 1940.

	Nurse Sherlock,	Nurse Blair.	Nurse Ottewell.	Nurse Hill.	Nurse Kearney.	Total.
Visits <i>re</i> Infectious Diseases	12	5	142	205	278	642
Visits <i>re</i> other Diseases	2	59	100	136	28	325
Visits <i>re</i> Inspection for Cleanliness	—	2	15	39	23	79
Visits to Schools for Medical Inspections	—	18	38	33	20	109
Special Visits to Schools	—	5	28	13	6	52
Visits to Schools for Cleanliness	—	12	54	39	27	132
Number of Children Examined for Cleanliness	—	1,444	3,668	3,317	2,816	11,245
Number of Notices issued <i>re</i> Verminous Condition	—	28	233	281	330	872
Number of Notices issued <i>re</i> other Defects	—	19	54	—	33	106
Visits <i>re</i> Medical Inspection Defects	3	—	15	4	24	46
Attendances at Refraction Clinic	12	—	—	—	—	12
Visits <i>re</i> Refraction Cases	6	1	4	19	10	40
Attendances at Dental Clinic	6	32	31	25	34	128
Visits <i>re</i> Dental Defects	—	4	3	—	12	19
Attendances at School Clinic	224	—	8	—	—	232
Attendances of Children at Minor Ailments Clinic	3,488	—	76	—	—	3,564
Attendance at Orthopædic Clinic	11	—	—	—	—	11
Visits <i>re</i> Orthopædic Defects	1	5	11	16	7	40

VII. ARRANGEMENTS FOR TREATMENT.

The arrangements were for the most part the same as in previous years.

ORTHOPÆDIC AND POSTURAL DEFECTS.—55 individual children have attended the orthopædic clinic for the following conditions :—Tuberculosis 3, Rickets 4, Poliomyelitis 11, Spastic Paralysis 5, Kyphosis or Scoliosis 9, Congenital Deformity 7, other conditions 16. The number of attendances at Miss Garratt's sessions was 390 and at the surgeon's sessions 132. At Bretby Hall 5 in-patients have been treated as follows :—Poliomyelitis 2, Spastic Paralysis 1, Flat Feet 1, Club Foot 1.

ORTHOPTIC TREATMENT FOR SQUINT.—A new scheme for the orthoptic training of the eye muscles in cases of squint was commenced in July. The treatment is carried out in Derby under arrangements made with the Derbyshire Royal Infirmary. During the year 16 cases of squint were referred for treatment. Of these, 5 were receiving regular treatment at the end of the year, 6 cases were still awaiting treatment, 4 were too young and 1 was being treated by occlusion.

VIII. INFECTIOUS DISEASE.

The number of cases of infectious disease among school children notified during the year was as follows :—Pulmonary Tuberculosis 1, other forms of Tuberculosis 2 (the sites affected being meninges 1, cervical glands 1), Diphtheria 3, Scarlet Fever 28, Chickenpox 16, Pneumonia 3, Measles 309, Erysipelas 1, Meningitis 1, Cerebro-Spinal Fever 1.

There was an epidemic of measles.

IX. PHYSICAL TRAINING.

A satisfactory year's work was carried out by the teachers under the supervision of the two physical training organisers. Six courses of instruction for teachers were held and were well attended. At some schools the proficiency was outstanding. Fresh apparatus

was acquired and the equipment was satisfactory. Certain school halls were required for war purposes, but other arrangements were made. Provision for expenditure on gym shoes was made during the year and this will be of great benefit. Full use was made of the playing fields for organised games. The swimming baths were available during the summer and all the senior and junior schools sent organised parties.

X. PROVISION OF MEALS.

School meals were provided as usual in the Gladstone School Canteen. At the end of the year the average attendance for children for free meals was 46 while the average attendance of children for dinners on payment was 42. There was an increase in the number of children who received free milk in school, the daily average at the end of the year being 185.

XI. SPECIAL SCHOOLS.

Three deaf children were residents at the Royal Institute for the Deaf in Derby and one crippled child was resident at a school for physically handicapped children.

APPROVED SCHOOLS.—During the year no fresh children were committed to approved schools by the magistrates. At the end of the year there were 1 child and 2 young persons from this Borough in approved schools.

BOARDED-OUT CHILDREN.—Four fresh children were committed to the care of the Authority during the year and were boarded-out in another district. At the end of the year there were 10 children committed to the care of this Authority who were boarded-out in another district. 12 children from the area of another Authority were boarded-out within the Borough. All the above children have been medically examined.

BLIND CHILDREN.—There were no blind children.

XII. MISCELLANEOUS.

EVACUATION.—During the year 103 children were medically examined with a view to selection for overseas evacuation. Only one child actually went overseas.

SPECIAL INQUIRIES.

VACCINATION. Among the 1,376 children in the code groups who underwent routine inspection during the year the percentage number of children found to be vaccinated against small pox was as follows :—

Entrants	..	..	..	..	16 per cent.
Intermediates	..	..	..	..	22 „
Leavers	..	..	..	..	28 „

ATTENDANCES OF PARENTS.—The attendance of parents at routine inspections held during the year showed the following percentage :—

Entrants	..	..	..	..	90 per cent.
Intermediates	..	..	..	..	81 „
Leavers	..	..	..	..	42 „

MORTALITY AMONG SCHOOL CHILDREN.—Five deaths occurred among children of school age during the year, and were due to the following causes :—

Tuberculosis Meningitis	1	Pulmonary Tuberculosis	1
Drowning	1	Crushed by masonry ..	1
Abscess	1		

ISSUE OF BOOTS.—During 1940 the Joint Advisory Committee “ Boot Fund ” issued 60 pairs of boots to the children of parents in necessitous circumstances.

CHILDREN AND YOUNG PERSONS ACT, 1933.—A number of children were examined by the School Medical Officer under the

provisions of the above Act, and 94 were given certificates enabling them to engage in the work of distributing newspapers or milk outside school hours.

STATISTICAL TABLES.

MEDICAL INSPECTION RETURNS.

Table 1.—Return of Medical Inspections.

A.—ROUTINE MEDICAL INSPECTIONS.

No. of Inspections in the prescribed Groups—

Entrants	530
Second Age Group	429
Third Age Group	417
	<hr/>
TOTAL ..	1,376
No. of other Routine Inspections	48
	<hr/>
GRAND TOTAL ..	1,424
	<hr/> <hr/>

B.—OTHER INSPECTIONS.

Number of Special Inspections	1,002
No. of Re-Inspections	1,071
	<hr/>
TOTAL ..	2,073
	<hr/> <hr/>

C.—CHILDREN FOUND TO REQUIRE TREATMENT.

Number of Individual Children found at Routine Medical Inspection to require Treatment (excluding Defects of Nutrition, Uncleanliness and Dental Diseases).

GROUP. (1)	For Defective Vision (excluding squint). (2)	For all other conditions recorded in Table IIA. (3)	TOTAL. (4)
Prescribed Groups :—			
Entrants	—	35	35
Second Age Group	15	40	55
Third Age Group.. .. .	35	28	63
Total (Prescribed Groups)	50	103	153
Other Routine Inspections	—	—	—
GRAND TOTAL	50	103	153

TABLE II.

A.—Return of defects found by Medical Inspection in the Year ended 31st December, 1940.

DEFECT OR DISEASE. (1)		Routine Inspections		Special Inspections.	
		No. of Defects.		No. of Defects.	
		Re-quiring Treat-ment. (2)	Requiring to be kept under ob-servation but not requiring Treatment. (3)	Re-quiring Treat-ment. (4)	Requiring to be kept under ob-servation but not requiring Treatment. (5)
Skin {	Ringworm : Scalp	—	—	—	—
	Body	—	—	1	—
	Scabies	5	—	30	—
	Impetigo	6	1	26	—
	Other Diseases (Non-Tuberculous) ..	1	4	25	15
TOTAL (Heads 1 to 5) ..		12	5	82	15

TABLE II.—continued.

DEFECT OR DISEASE.		Routine Inspections		Special Inspections.	
		No. of Defects.		No. of Defects.	
		Re- quiring Treat- ment.	Requiring to be kept under ob- servation but not requiring Treatment.	Re- quiring Treat- ment.	Requiring to be kept under ob- servation but not requiring Treatment.
(1)		(2)	(3)	(4)	(5)
Eye	Blepharitis	9	—	18	—
	Conjunctivitis	—	—	16	—
	Keratitis	—	—	3	—
	Corneal Opacities	—	1	—	—
	Other Conditions (excluding Defective Vision & Squint)	—	1	2	4
	TOTAL (Heads 6 to 10)	9	2	39	4
Ear	Defective Vision (excluding Squint)	50	62	23	—
	Squint	33	1	4	2
	Defective Hearing	—	4	6	3
	Otitis Media	9	1	44	—
	Other Ear Diseases	—	—	3	1
	Chronic Tonsillitis only	5	167	24	6
Nose and Throat	Adenoids only	—	9	2	2
	Chronic Tonsillitis and Adenoids	18	23	13	1
	Other Conditions	1	2	42	12
	Enlarged Cervical Glands (Non- tuberculous)	—	6	2	9
Heart and Circulation	Defective Speech	—	5	—	—
	Heart Disease :				
	Organic	1	3	6	3
	Functional	—	3	—	—
Lungs	Anæmia	3	8	5	—
	Bronchitis	—	8	35	1
	Other Non-tuberculous Diseases	—	7	1	—
	Pulmonary :				
	Definite	—	—	1	—
	Suspected	—	—	—	3
Tuber- culosis	Non-Pulmonary :				
	Glands	—	—	1	—
	Bones & Joints	—	—	1	—
	Skin	—	—	—	—
	Other forms	—	—	—	—
TOTAL (Heads 29 to 32)		—	—	2	—
Nervous System	Epilepsy	2	1	4	—
	Chorea	—	—	6	—
	Other Conditions	—	1	2	2
Deformities	Rickets	—	9	2	—
	Spinal Curvature	2	—	3	—
	Other Forms	10	11	10	2
Other Defects and Diseases (Ex- cluding Defects of Nutrition, Un- cleanliness and Dental Diseases)		2	18	241	222
TOTAL NUMBER OF DEFECTS		157	356	602	288

TABLE II.

B.—Classification of the Nutrition of Children Inspected during the Year in the Routine Age Groups.

Age-groups.	Number of Children Inspected	A. (Excellent)		B. (Normal)		C. (Slightly subnormal)		D. (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants ..	530	39	7.35	488	92.07	3	0.56	—	—
Second Age-Group ..	429	41	9.55	385	89.74	3	0.69	—	—
Third Age-Group ..	417	97	23.26	302	72.42	18	4.31	—	—
Other Routine Inspections	48	3	6.25	45	93.75	—	—	—	—
TOTAL ..	1,424	180	12.64	1,220	85.67	24	1.68	—	—

TABLE III.

Return of Defects Treated during the Year ended 31st December, 1940.

Treatment Table.

Group I.—Minor Ailments (excluding Uncleanliness for which see Table VI.)

DISEASE OR DEFECT. (1)	Number of Defects treated, or under treatment during the year.		
	Under the Authority's Scheme. (2)	Otherwise. (3)	Total. (4)
Skin :			
Ringworm—Scalp—			
(i) X-Ray Treatment. If none, indicate by dash	—	—	—
(ii.) Other Treatment	—	—	—
Ringworm—Body	3	—	3
Scabies	30	—	30
Impetigo	67	—	67
Other Skin Disease	6	—	6
Minor Eye Defects :			
(External and other, but excluding cases falling in Group II.)	52	—	52
Minor Ear Defects	74	—	74
Miscellaneous (<i>e.g.</i> minor injuries, bruises, sores, chilblains, etc.)	172	—	172
TOTAL	404	—	404

TABLE III.

Group II.—Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments, Group I.)

Defect or Disease. (1)	No. of Defects dealt with.			No. of children for whom spectacles were			
	Under the Authority's Scheme (2)	Otherwise. (3)	Total. (4)	Prescribed (1)		Obtained (2)	
				(i) Under the Authority's Scheme. (i)	(ii) Other-wise. (ii)	(i) Under the Authority's Scheme. (i)	(ii) Other-wise. (ii)
Errors of Refraction (including squint). (Operations for squint should be recorded separately in the body of the School Medical Officer's Report)	193	6	199	140	6	138	6
Other Defect or Disease of the Eyes (excluding those recorded in Group I) ..	2	—	2	TOTAL 146		TOTAL 144	
TOTAL ..	195	6	201				

Group III.—Treatment of Defects of Nose and Throat.

NUMBER OF DEFECTS.				
RECEIVED OPERATIVE TREATMENT.			Received other forms of Treatment. (4)	Total Number Treated. (5)
Under the Authority's Scheme, in Clinic or Hospital. (1)	By Private Practitioner or Hospital, apart from the Authority's Scheme. (2)	Total (3)		
54	4	58	—	58

TABLE III.—continued.
Group IV.—Orthopædic and Postural Defects.

	Under the Authority's Scheme. (1)			Otherwise. (2)			Total number treated
	Residential treatment with education	Residential treatment without education	Non- residential treatment at an orthopædic clinic	Residential treatment with education	Residential treatment without education	Non- residential treatment at an orthopædic clinic	
	(i)	(ii)	(iii)	(i)	(ii)	(iii)	
Number of chil- dred treated ..	4	—	55	—	—	—	55

TABLE IV.—Dental Inspection and Treatment.

(1)	Number of Children who were Inspected by the Dentist :—														
	(a) Routine Age Groups :—														
	3	4	5	6	7	8	9	10	11	12	13	14			
	4	64	260	335	447	365	426	533	247	353	351	270	Total	3,655	
	(b) Specials													508	
	(c) TOTAL (Routine and Specials)													4,163	
(2)	Number found to require treatment										3,414
(3)	Number actually treated										3,328
(4)	Attendances made by children for treatment										..	..	..	3,447
(5)	Half-days devoted to :—														
	Inspection	34	} Total	400
	Treatment .. .. .										..	..	366	
(6)	Fillings :—														
	Permanent teeth	816	} Total	819
	Temporary teeth .. .. .										..	..	3	
(7)	Extractions :—														
	Permanent teeth	733	} Total	5,265
	Temporary teeth .. .. .										..	..	4,532	
(8)	Administrations of general anæsthetics for extractions												123		
(9)	Other operations :—														
	Silver nitrate .. .. .										..	..	} Total	772
	Scalings, dressings and temp. fillings .. .. .										..	..

TABLE V.—Uncleanliness and Verminous Conditions.

(1)	Average number of visits per school made during the year by the School Nurses													6
(2)	Total number of examinations of children in the Schools by School Nurses													11,245
(3)	Number of <i>individual</i> children found unclean													661
(4)	Number of <i>individual</i> children cleansed under arrangements made by the Local Education Authority													Nil
(5)	Number of cases in which legal proceedings were taken :—													
	(a) Under the Education Act, 1921 .. .. .		..	..	..	..	..	..						Nil
	(b) Under School Attendance Byelaws .. .. .		..	..	..	..	..	..						Nil

